

industry, fertilizers, distilleries, pulp and paper industry, rice mills, solvent extraction units, etc. This includes a potential of about 5,000 MW through bagasse co-generation in sugar mills. Apart from this, there is a potential of about 1,000 MW for power generation from bio-degradable industrial wastes.

(c) The Ministry is promoting the utilization of bio-mass and industrial wastes for power production by providing Central Financial Assistance in the form of interest subsidy ranging from 1% to 6% for bagasse co-generation projects and capital subsidy ranging from Rs. 20.00 lakhs to Rs. 80.00 lakhs per MW for co-generation projects based on other bio-mass and industrial waste, depending on the type of project.

Apart from this, awareness is being created through organization of workshops/seminar/business meets and dissemination of information and publicity to encourage the setting up of such projects.

### **Refrigerator running on Solar Energy**

1263. SHRI SANJAY RAUT: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government's attention have been drawn to the recent report about the newly invented refrigerator which runs on solar energy and successfully demonstrated by Dr. Rajendra Shende at Rashtrapati Bhawan;

(b) if so, Government's views and response thereto; and

(c) the details of steps taken or proposed to be taken for providing necessary help to the Dr. Shende for utilizing this invention in our country?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) to (c) Yes Sir. An improved vaccine refrigerator, called Solarchill, has been demonstrated by Dr. Rajendra Shende, Unit Head of United Nations Environment Programme (UNEP). The unit has been installed at the President's Estate Clinic on experimental basis.

Solarchill has been developed, through partnership programme of the United Nations Environment Programme (UNEP), the United Nations Children's Fund (UNICEF), the World Health Organization (WHO), the Danish Technological Institute (DTI), Greenpeace International, GTZ Proklima, and Programme for Appropriate Technologies in Health (PATH).

The refrigeration companies Vestfrost and Danfoss participated in Solar-chill's development phase. The Solar chill technology does not use any ozone depleting or potent global warming substances. It stores energy in ice packs and eliminates the use of storage batteries.

The benefits of the unit with respect to presently available solar powered vaccine refrigerators will be known after the reports on the field trials of the unit are available.

### **Independent systems operators for transmission sector**

1264. SHRIMATI PREMA CARIAPPA:

SHRIMATI SHOBHANA BHARTIA:

Will the Minister of POWER be pleased to state:

(a) whether a Committee of Secretaries comprising the finance, economic affairs and power secretaries discussed the Ministry's proposal for an Independent Systems Operator (ISO) in the transmission sector;

(b) if so, whether ISO is envisaged to be the centralized operator controlling the power transmission systems in the country;

(c) if so, the main recommendations made by the Committee;

(d) the number of recommendations accepted by Government; and

(e) the steps Government have taken to implement them?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE):

(a) to (e) The recommendations of Committee of Secretaries are secret in nature.

In accordance with the Electricity Act, 2003, the National Load Despatch Centre (NLDC) and the Regional Load Despatch Centres (RLDCs) shall be operated by a Government company or any Authority or corporation established or constituted by or under any Central Act, as may be notified by the Central Government. The Act also provides that until such a Government company or authority or Corporation is notified by the Central Government, the Central Transmission Utility (CTU) shall operate the RLDCs. As no other Government Company or authority or Corporation has been notified by the Central Government for operation of RLDCs, PGCIL, as the CTU, continues to operate the RLDCs for the present.